

Table ENG-2. - Construction Materials

Stafford and King George Counties, Virginia

The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 0.99. The smaller the value, the greater the limitation.

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Ad:							
Alluvial land, sandy and gravelly	85	Poor		Good		Poor	
		Too sandy	0.00			Too sandy	0.00
		Droughty	0.00			Hard to reclaim	0.08
		Too acid	0.12			Rock fragments	0.50
Alluvial wet	5	Not Rated		Not Rated		Not Rated	
Ae:							
Alluvial land, wet	85	Fair		Poor		Poor	
		Too acid	0.12	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.13	Low strength	0.00	Too acid	0.60
Alluvial land	5	Not Rated		Not Rated		Not Rated	
AfA:							
Altavista	85	Fair		Fair		Fair	
		Low content of organic matter	0.13	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Too acid	0.21			Too acid	0.76
Augusta		Not Rated		Not Rated		Not Rated	
Dogue		Not Rated		Not Rated		Not Rated	
Wickham		Not Rated		Not Rated		Not Rated	
AfB:							
Altavista	85	Fair		Fair		Fair	
		Low content of organic matter	0.13	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Too acid	0.21			Too acid	0.76
Dogue		Not Rated		Not Rated		Not Rated	
Wickham		Not Rated		Not Rated		Not Rated	
AfC2:							
Altavista	85	Fair		Fair		Fair	
		Low content of organic matter	0.13	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Too acid	0.21			Too acid	0.76
Wickham		Not Rated		Not Rated		Not Rated	
AIB:							

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
AIB:							
Appling	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13			Too acid	0.88
		Too acid	0.32				
Caroline		Not Rated		Not Rated		Not Rated	
Cecil		Not Rated		Not Rated		Not Rated	
Colfax		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
AIC2:							
Appling	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13			Slope	0.63
		Too acid	0.32			Too acid	0.88
Ashlar		Not Rated		Not Rated		Not Rated	
Cecil		Not Rated		Not Rated		Not Rated	
Colfax		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
AnB:							
Appling	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13			Too acid	0.88
		Too acid	0.32				
Cecil		Not Rated		Not Rated		Not Rated	
Cullen		Not Rated		Not Rated		Not Rated	
AnC2:							
Appling	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13			Too acid	0.88
		Too acid	0.32				
Cecil		Not Rated		Not Rated		Not Rated	
Cullen		Not Rated		Not Rated		Not Rated	

ApC3:

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
ApC3:							
Appling	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13			Slope	0.63
		Too acid	0.32			Too acid	0.88
Ashlar		Not Rated		Not Rated		Not Rated	
Cecil		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
AsD:							
Ashlar	85	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.54
		Too acid	0.50			Slope	0.63
Appling		Not Rated		Not Rated		Not Rated	
Manor		Not Rated		Not Rated		Not Rated	
AsE:							
Ashlar	85	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Rock fragments	0.00
		Too acid	0.50			Depth to bedrock	0.54
Manor		Not Rated		Not Rated		Not Rated	
Watt variant		Not Rated		Not Rated		Not Rated	
AsF:							
Ashlar	85	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Too acid	0.50			Depth to bedrock	0.54
Gravelly soil		Not Rated		Not Rated		Not Rated	
Rock Outcrop		Not Rated		Not Rated		Not Rated	

AtA:

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
AtA:							
Atlee	85	Fair		Poor		Fair	
		Depth to cemented pan	0.10	Depth to cemented pan	0.00	Depth to cemented pan	0.10
		Too acid	0.12	Low strength	0.22	Depth to saturated zone	0.53
		Low content of organic matter	0.13	Depth to saturated zone	0.53	Too acid	0.60
Bourne		Not Rated		Not Rated		Not Rated	
Craven		Not Rated		Not Rated		Not Rated	
AtB:							
Atlee	85	Fair		Poor		Fair	
		Depth to cemented pan	0.10	Depth to cemented pan	0.00	Depth to cemented pan	0.10
		Too acid	0.12	Low strength	0.22	Depth to saturated zone	0.53
		Low content of organic matter	0.13	Depth to saturated zone	0.53	Too acid	0.60
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Craven		Not Rated		Not Rated		Not Rated	
Au:							
Augusta	85	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Depth to saturated zone	0.14
		Too acid	0.54	Depth to saturated zone	0.14	Too acid	0.98
Roanoke	3	Not Rated		Not Rated		Not Rated	
Altavista		Not Rated		Not Rated		Not Rated	
Wahee		Not Rated		Not Rated		Not Rated	
AvB:							
Aura	85	Fair		Good		Poor	
		Too acid	0.03			Rock fragments	0.00
		Low content of organic matter	0.13			Too acid	0.32
						Hard to reclaim	0.68
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Galestown		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	

AvC2:

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
AvC2:							
Aura	85	Fair		Good		Poor	
		Too acid	0.03			Rock fragments	0.00
		Low content of organic matter	0.13			Too acid	0.32
						Hard to reclaim	0.68
Caroline		Not Rated		Not Rated		Not Rated	
Galestown		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
AvD2:							
Aura	85	Fair		Good		Poor	
		Too acid	0.03			Rock fragments	0.00
		Low content of organic matter	0.13			Slope	0.04
						Too acid	0.32
Caroline		Not Rated		Not Rated		Not Rated	
Galestown		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
AvE2:							
Aura	85	Fair		Poor		Poor	
		Too acid	0.03	Slope	0.00	Slope	0.00
		Low content of organic matter	0.13			Rock fragments	0.00
						Too acid	0.32
Galestown		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
AwD:							
Aura	35	Fair		Good		Poor	
		Too acid	0.03			Rock fragments	0.00
		Low content of organic matter	0.13			Too acid	0.32
						Slope	0.63
Galestown	25	Poor		Good		Fair	
		Wind erosion	0.00			Too sandy	0.16
		Too acid	0.03			Too acid	0.32
		Low content of organic matter	0.13			Slope	0.63
Sassafras	20	Fair		Good		Fair	
		Low content of organic matter	0.13			Too acid	0.60
		Too acid	0.50			Slope	0.63

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
AwD:							
Caroline		Not Rated		Not Rated		Not Rated	
AwE:							
Aura	30	Fair		Fair		Poor	
		Too acid	0.03	Slope	0.08	Slope	0.00
		Low content of organic matter	0.13			Rock fragments	0.00
						Too acid	0.32
Galestown	25	Poor		Fair		Poor	
		Wind erosion	0.00	Slope	0.08	Slope	0.00
		Too acid	0.03			Too sandy	0.16
		Low content of organic matter	0.13			Too acid	0.32
Sassafras	15	Fair		Fair		Poor	
		Low content of organic matter	0.13	Slope	0.08	Slope	0.00
		Too acid	0.50			Too acid	0.60
Gravelly soil		Not Rated		Not Rated		Not Rated	
BaA:							
Bertie	85	Poor		Fair		Fair	
		Wind erosion	0.00	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Low content of organic matter	0.50			Too acid	0.98
		Too acid	0.54				
Bladen	3	Not Rated		Not Rated		Not Rated	
Fallsington	3	Not Rated		Not Rated		Not Rated	
Pooler variant	3	Not Rated		Not Rated		Not Rated	
Bb:							
Bibb	85	Fair		Poor		Poor	
		Too acid	0.50	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.50			Too acid	0.60
Alluvial wet	5	Not Rated		Not Rated		Not Rated	
Fresh water swamp	3	Not Rated		Not Rated		Not Rated	
Iuka		Not Rated		Not Rated		Not Rated	
Bd:							

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Bd:							
Bladen	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.12	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Shrink-swell	0.87	Too acid	0.60
Pooler variant	3	Not Rated		Not Rated		Not Rated	
Bertie		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
BmA:							
Bourne	85	Poor		Poor		Fair	
		Droughty	0.00	Depth to cemented pan	0.00	Hard to reclaim	0.03
		Depth to cemented pan	0.03	Depth to saturated zone	0.53	Depth to cemented pan	0.03
		Too acid	0.12			Depth to saturated zone	0.53
Bladen	3	Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
BmB:							
Bourne	85	Poor		Poor		Fair	
		Droughty	0.00	Depth to cemented pan	0.00	Hard to reclaim	0.03
		Depth to cemented pan	0.03	Depth to saturated zone	0.53	Depth to cemented pan	0.03
		Too acid	0.12			Depth to saturated zone	0.53
Caroline		Not Rated		Not Rated		Not Rated	
Craven		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
BmC2:							

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
BmC2:							
Bourne	85	Poor		Poor		Fair	
		Droughty	0.00	Depth to cemented	0.00	Hard to reclaim	0.03
		Depth to cemented	0.03	pan		Depth to cemented	0.03
		pan		Depth to saturated	0.53	pan	
		Too acid	0.12	zone		Depth to saturated	0.53
						zone	
Bourne variant		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
BnB:							
Bourne variant	85	Poor		Poor		Fair	
		Droughty	0.00	Depth to cemented	0.00	Hard to reclaim	0.03
		Depth to cemented	0.03	pan		Depth to cemented	0.03
		pan		Depth to saturated	0.53	pan	
		Too acid	0.12	zone		Depth to saturated	0.53
				Low strength	0.78	zone	
Aura		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
BnC2:							
Bourne variant	85	Poor		Poor		Fair	
		Droughty	0.00	Depth to cemented	0.00	Hard to reclaim	0.03
		Depth to cemented	0.03	pan		Depth to cemented	0.03
		pan		Depth to saturated	0.53	pan	
		Too acid	0.12	zone		Depth to saturated	0.53
				Low strength	0.78	zone	
Aura		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
BoB:							
Bourne	85	Fair		Poor		Fair	
		Droughty	0.01	Depth to cemented	0.00	Hard to reclaim	0.03
		Depth to cemented	0.03	pan		Depth to cemented	0.03
		pan		Depth to saturated	0.53	pan	
		Too acid	0.12	zone		Depth to saturated	0.53
					zone		
Appling		Not Rated		Not Rated		Not Rated	

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
BoB:							
Aura		Not Rated		Not Rated		Not Rated	
Bourne variant		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Cecil		Not Rated		Not Rated		Not Rated	
BoC2:							
Bourne	85	Fair		Poor		Fair	
		Droughty	0.01	Depth to cemented	0.00	Hard to reclaim	0.03
		Depth to cemented	0.03	pan		Depth to cemented	0.03
		pan		Depth to saturated	0.53	pan	
		Too acid	0.12	zone		Depth to saturated	0.53
						zone	
Appling		Not Rated		Not Rated		Not Rated	
Aura		Not Rated		Not Rated		Not Rated	
Bourne variant		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Cecil		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
BrD:							
Bremo	85	Fair		Poor		Poor	
		Droughty	0.02	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of	0.13			Depth to bedrock	0.54
		organic matter				Slope	0.63
		Depth to bedrock	0.54				
Manor		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
Zion variant		Not Rated		Not Rated		Not Rated	
BrE:							
Bremo	85	Fair		Poor		Poor	
		Droughty	0.02	Depth to bedrock	0.00	Slope	0.00
		Low content of	0.13	Slope	0.00	Rock fragments	0.00
		organic matter				Depth to bedrock	0.54
		Depth to bedrock	0.54				
Manor		Not Rated		Not Rated		Not Rated	
Watt variant		Not Rated		Not Rated		Not Rated	

Table ENG-2. - Construction Materials - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CaB2:							
Caroline	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.12	Shrink-swell	0.87	Too acid	0.60
		Low content of organic matter	0.13				
Aura		Not Rated		Not Rated		Not Rated	
Bourne		Not Rated		Not Rated		Not Rated	
Craven		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
CaC2:							
Caroline	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.12	Shrink-swell	0.87	Too acid	0.60
		Low content of organic matter	0.13				
Aura		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
CaD2:							
Caroline	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.12	Shrink-swell	0.87	Slope	0.04
		Low content of organic matter	0.13			Too acid	0.60
Aura		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
CcC3:							
Caroline	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.12	Shrink-swell	0.87	Too acid	0.60
		Low content of organic matter	0.13				
Bourne		Not Rated		Not Rated		Not Rated	

Table ENG-2. - Construction Materials - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CcC3:							
Kempsville		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
CcD3:							
Caroline	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.12	Shrink-swell	0.87	Slope	0.04
		Low content of organic matter	0.13			Too acid	0.60
Aura		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
CdD:							
Caroline	40	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.12	Shrink-swell	0.87	Slope	0.16
		Low content of organic matter	0.13			Too acid	0.60
Sassafras	35	Fair		Good		Fair	
		Low content of organic matter	0.13			Slope	0.16
		Too acid	0.50			Too acid	0.60
Craven		Not Rated		Not Rated		Not Rated	
Galestown		Not Rated		Not Rated		Not Rated	
CdE:							
Caroline	35	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Too acid	0.12	Slope	0.08	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Too acid	0.60
Sassafras	35	Fair		Fair		Poor	
		Low content of organic matter	0.13	Slope	0.08	Slope	0.00
		Too acid	0.50			Too acid	0.60
Galestown		Not Rated		Not Rated		Not Rated	
Ce:							

Table ENG-2. - Construction Materials - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Ce:							
Cartecay	85	Fair		Poor		Poor	
		Too acid	0.84	Depth to saturated	0.00	Depth to saturated	0.00
		Low content of organic matter	0.88	zone		Rock fragments	0.88
		Too sandy	>0.99			Too sandy	>0.99
Alluvial land, wet	3	Not Rated		Not Rated		Not Rated	
Wehadkee	3	Not Rated		Not Rated		Not Rated	
Altavista		Not Rated		Not Rated		Not Rated	
CfB2:							
Cecil	85	Poor		Fair		Poor	
		Too clayey	0.00	Low strength	0.22	Too Clayey	0.00
		Low content of organic matter	0.13			Too acid	0.88
		Too acid	0.32				
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
CfC2:							
Cecil	85	Poor		Fair		Poor	
		Too clayey	0.00	Low strength	0.22	Too Clayey	0.00
		Low content of organic matter	0.13			Slope	0.63
		Too acid	0.32			Too acid	0.88
Ashlar		Not Rated		Not Rated		Not Rated	
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
CgB2:							
Cecil	85	Poor		Fair		Poor	
		Too clayey	0.00	Low strength	0.22	Too Clayey	0.00
		Low content of organic matter	0.13			Too acid	0.88
		Too acid	0.32				
Cullen		Not Rated		Not Rated		Not Rated	
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	

ChC3:

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
ChC3:							
Cecil	85	Poor		Fair		Poor	
		Too clayey	0.00	Low strength	0.22	Too Clayey	0.00
		Low content of organic matter	0.13			Slope	0.63
		Too acid	0.32			Too acid	0.88
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
CIB:							
Colfax	85	Fair		Poor		Poor	
		Droughty	0.09	Depth to cemented pan	0.00	Depth to saturated zone	0.00
		Too acid	0.12	Depth to saturated zone	0.00	Depth to cemented pan	0.26
		Depth to cemented pan	0.26			Too acid	0.60
Appling		Not Rated		Not Rated		Not Rated	
Cecil		Not Rated		Not Rated		Not Rated	
CmB:							
Colfax variant	85	Poor		Poor		Poor	
		Droughty	0.00	Depth to cemented pan	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.12			Too acid	0.60
Appling		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
Cn:							
Congaree	85	Fair		Poor		Good	
		Too acid	0.89	Low strength	0.00		
Cartecay	3	Not Rated		Not Rated		Not Rated	
Altavista		Not Rated		Not Rated		Not Rated	
Wickham		Not Rated		Not Rated		Not Rated	
CrA:							
Craven	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.12	Depth to saturated zone	0.89	Too acid	0.60
		Low content of organic matter	0.13	Shrink-swell	0.90	Depth to saturated zone	0.89

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CrA:							
Bladen	3	Not Rated		Not Rated		Not Rated	
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
CrB:							
Craven	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.12	Depth to saturated	0.89	Too acid	0.60
		Low content of organic matter	0.13	zone Shrink-swell	0.90	Depth to saturated zone	0.89
Pooler variant	3	Not Rated		Not Rated		Not Rated	
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
CuB2:							
Cullen	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87		
		Too acid	0.74				
Cecil		Not Rated		Not Rated		Not Rated	
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
CuC2:							
Cullen	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Slope	0.63
		Too acid	0.74				
Cecil		Not Rated		Not Rated		Not Rated	
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
CvC3:							

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CvC3:							
Cullen	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Slope	0.63
		Too acid	0.74				
Cecil		Not Rated		Not Rated		Not Rated	
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
Cw:							
Cut and fill land	100	Not Rated		Not Rated		Not Rated	
DAM:							
Dam	100	Not Rated		Not Rated		Not Rated	
DoA:							
Dogue	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.12	Depth to saturated zone	0.76	Too acid	0.60
		Low content of organic matter	0.13	Shrink-swell	0.97	Depth to saturated zone	0.76
Altavista		Not Rated		Not Rated		Not Rated	
Augusta		Not Rated		Not Rated		Not Rated	
Wahee		Not Rated		Not Rated		Not Rated	
Wickham		Not Rated		Not Rated		Not Rated	
DoB:							
Dogue	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.12	Depth to saturated zone	0.76	Too acid	0.60
		Low content of organic matter	0.13	Shrink-swell	0.97	Depth to saturated zone	0.76
Altavista		Not Rated		Not Rated		Not Rated	
Turbeville		Not Rated		Not Rated		Not Rated	
Wickham		Not Rated		Not Rated		Not Rated	
Eb:							

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Eb:							
Elbert variant	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.13	Low strength	0.00	Too Clayey	0.00
		Too acid	0.32	Shrink-swell	0.13	Too acid	0.88
Worsham	3	Not Rated		Not Rated		Not Rated	
Meadowville		Not Rated		Not Rated		Not Rated	
Orange		Not Rated		Not Rated		Not Rated	
EIB2:							
Elioak	85	Poor		Fair		Poor	
		Too clayey	0.00	Low strength	0.22	Too Clayey	0.00
		Low content of organic matter	0.13			Too acid	0.88
		Too acid	0.32				
Cullen		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
EIC2:							
Elioak	85	Poor		Fair		Poor	
		Too clayey	0.00	Low strength	0.22	Too Clayey	0.00
		Low content of organic matter	0.13			Slope	0.63
		Too acid	0.32			Too acid	0.88
Cullen		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
EmC3:							
Elioak	85	Poor		Fair		Poor	
		Too clayey	0.00	Low strength	0.22	Too Clayey	0.00
		Low content of organic matter	0.13			Slope	0.63
		Too acid	0.32			Too acid	0.88
Cullen		Not Rated		Not Rated		Not Rated	
Manor		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
EmC3:							
Nason		Not Rated		Not Rated		Not Rated	
FaB:							
Fairfax	85	Fair		Poor		Poor	
		Too clayey	0.08	Low strength	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Shrink-swell	0.89	Too Clayey	0.05
		Too acid	0.21			Too acid	0.76
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
Fd:							
Fallsington	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.50			Hard to reclaim	0.54
		Water erosion	0.90			Too acid	0.60
Bladen	5	Not Rated		Not Rated		Not Rated	
Bertie		Not Rated		Not Rated		Not Rated	
Fs:							
Fresh water swamp	90	Fair		Poor		Poor	
		Too acid	0.97	Depth to saturated zone	0.00	Depth to saturated zone	0.00
GsD:							
Galestown	45	Poor		Good		Fair	
		Wind erosion	0.00			Too sandy	0.16
		Too acid	0.03			Too acid	0.32
		Low content of organic matter	0.13			Slope	0.63
Sassafras	30	Fair		Good		Fair	
		Low content of organic matter	0.13			Too acid	0.60
		Too acid	0.50			Slope	0.63
Caroline		Not Rated		Not Rated		Not Rated	
GsE:							
Galestown	40	Poor		Fair		Poor	
		Wind erosion	0.00	Slope	0.08	Slope	0.00
		Too acid	0.03			Too sandy	0.16
		Low content of organic matter	0.13			Too acid	0.32

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
GsE:							
Sassafras	30	Fair		Fair		Poor	
		Low content of organic matter	0.13	Slope	0.08	Slope	0.00
		Too acid	0.50			Too acid	0.60
Gravelly soil		Not Rated		Not Rated		Not Rated	
GsF:							
Galestown	40	Poor		Poor		Poor	
		Wind erosion	0.00	Slope	0.00	Slope	0.00
		Too acid	0.03			Too sandy	0.16
		Low content of organic matter	0.13			Too acid	0.32
Sassafras	25	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.50			Too acid	0.60
Clayey soil		Not Rated		Not Rated		Not Rated	
Gravel soil		Not Rated		Not Rated		Not Rated	
Iu:							
Iuka	85	Fair		Fair		Fair	
		Too acid	0.32	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Low content of organic matter	0.50			Too acid	0.88
		Too sandy	>0.99			Too sandy	>0.99
Alluvial land, wet	3	Not Rated		Not Rated		Not Rated	
Bibb	3	Not Rated		Not Rated		Not Rated	
KeA:							
Kempsville	85	Fair		Good		Fair	
		Too acid	0.54			Too acid	0.98
		Low content of organic matter	0.88				
Bourne		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
KeB:							
Kempsville	85	Fair		Good		Fair	
		Too acid	0.54			Too acid	0.98
		Low content of organic matter	0.88				
Bourne		Not Rated		Not Rated		Not Rated	

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
KeB:							
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
KfB:							
Kempsville	85	Fair		Good		Fair	
		Too acid	0.54			Rock fragments	0.88
		Low content of organic matter	0.88			Too acid	0.98
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Turbeville		Not Rated		Not Rated		Not Rated	
KfC2:							
Kempsville	85	Fair		Good		Fair	
		Too acid	0.54			Rock fragments	0.88
		Low content of organic matter	0.88			Too acid	0.98
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Turbeville		Not Rated		Not Rated		Not Rated	
KfD2:							
Kempsville	85	Fair		Good		Fair	
		Too acid	0.54			Slope	0.04
		Low content of organic matter	0.88			Rock fragments	0.88
						Too acid	0.98
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Turbeville		Not Rated		Not Rated		Not Rated	
LgA:							
Lignum	85	Fair		Poor		Fair	
		Too clayey	0.08	Low strength	0.00	Too Clayey	0.05
		Low content of organic matter	0.13	Depth to saturated zone	0.29	Depth to saturated zone	0.29
		Too acid	0.50	Depth to bedrock	0.58	Too acid	0.88
Alluvial land, wet	3	Not Rated		Not Rated		Not Rated	

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
LgA:							
Elbert variant	3	Not Rated		Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated		Not Rated	
LgB:							
Lignum	85	Fair		Poor		Fair	
		Too clayey	0.08	Low strength	0.00	Too Clayey	0.05
		Low content of organic matter	0.13	Depth to saturated zone	0.29	Depth to saturated zone	0.29
		Too acid	0.50	Depth to bedrock	0.58	Too acid	0.88
Colfax		Not Rated		Not Rated		Not Rated	
Meadowville		Not Rated		Not Rated		Not Rated	
Orange		Not Rated		Not Rated		Not Rated	
Worsham		Not Rated		Not Rated		Not Rated	
MaD:							
Manor	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Slope	0.63
		Too acid	0.50			Too acid	0.76
		Water erosion	0.90				
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
MaE:							
Manor	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.50			Too acid	0.76
		Water erosion	0.90				
Ashlar		Not Rated		Not Rated		Not Rated	
Watt variant		Not Rated		Not Rated		Not Rated	
MdB:							
Marr	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Too acid	0.88
		Too acid	0.50				
		Water erosion	0.99				
Caroline		Not Rated		Not Rated		Not Rated	
Westphalia		Not Rated		Not Rated		Not Rated	

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MdC2:							
Marr	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Too acid	0.88
		Too acid	0.50				
		Water erosion	0.99				
Caroline		Not Rated		Not Rated		Not Rated	
Westphalia		Not Rated		Not Rated		Not Rated	
MdD2:							
Marr	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Slope	0.16
		Too acid	0.50			Too acid	0.88
		Water erosion	0.99				
Caroline		Not Rated		Not Rated		Not Rated	
Westphalia		Not Rated		Not Rated		Not Rated	
MdE2:							
Marr	85	Fair		Fair		Poor	
		Low content of organic matter	0.13	Slope	0.08	Slope	0.00
		Too acid	0.50			Too acid	0.88
		Water erosion	0.99				
Galestown		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Westphalia		Not Rated		Not Rated		Not Rated	
Me:							
Meadowville	85	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Hard to reclaim	0.92
		Too acid	0.54	Shrink-swell	0.90	Too acid	0.98
		Water erosion	0.99				
Mottled soils		Not Rated		Not Rated		Not Rated	
Red soils		Not Rated		Not Rated		Not Rated	
MkB2:							
Mecklenburg	85	Poor		Fair		Poor	
		Too clayey	0.00	Low strength	0.78	Too Clayey	0.00
		Low content of organic matter	0.13				

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MkB2:							
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
Zion variant		Not Rated		Not Rated		Not Rated	
MkC2:							
Mecklenburg	85	Poor		Fair		Poor	
		Too clayey	0.00	Low strength	0.78	Too Clayey	0.00
		Low content of organic matter	0.13				
Appling		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
Zion variant		Not Rated		Not Rated		Not Rated	
MIC3:							
Mecklenburg	85	Poor		Fair		Poor	
		Too clayey	0.00	Low strength	0.78	Too Clayey	0.00
		Low content of organic matter	0.13				
Appling		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
Zion variant		Not Rated		Not Rated		Not Rated	
NaB:							
Nason	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.99	Too acid	0.88
		Too acid	0.32				
Appling		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
NaC2:							
Nason	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.99	Slope	0.63
		Too acid	0.32			Too acid	0.88
Appling		Not Rated		Not Rated		Not Rated	
Manor		Not Rated		Not Rated		Not Rated	

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
NaC2:							
Mecklenburg		Not Rated		Not Rated		Not Rated	
NcC3:							
Nason	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.99	Too acid	0.88
		Too acid	0.32				
Appling		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
OrA:							
Orange	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Too acid	0.84	Shrink-swell	0.87		
Elbert variant	5	Not Rated		Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated		Not Rated	
Meadowville		Not Rated		Not Rated		Not Rated	
OrB:							
Orange	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Too acid	0.84	Shrink-swell	0.87		
Cullen		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
OrC2:							
Orange	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Too acid	0.84	Shrink-swell	0.77		
Mecklenburg		Not Rated		Not Rated		Not Rated	
Zion variant		Not Rated		Not Rated		Not Rated	

Po:

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Po:							
Pooler variant	85	Fair		Poor		Poor	
		Too acid	0.12	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.50	Low strength	0.00	Too Clayey	0.44
		Too clayey	0.68			Too acid	0.60
Bladen	5	Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
Ro:							
Roanoke	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.12	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Shrink-swell	0.87	Too acid	0.60
Wehadkee	4	Not Rated		Not Rated		Not Rated	
Altavista		Not Rated		Not Rated		Not Rated	
Wahee		Not Rated		Not Rated		Not Rated	
Sa:							
Sand and gravel pits	100	Not Rated		Not Rated		Not Rated	
ScF:							
Sandy and clayey land	80	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.50	Low strength	0.78	Too Clayey	0.29
		Too clayey	0.50	Shrink-swell	0.87	Rock fragments	0.50
SfA:							
Sassafras	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Too acid	0.60
		Too acid	0.50				
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
SfB:							
Sassafras	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Too acid	0.60
		Too acid	0.50				

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
SfB:							
Aura		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
SfC2:							
Sassafras	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Too acid	0.60
		Too acid	0.50				
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Galestown		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
SfD2:							
Sassafras	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Slope	0.16
		Too acid	0.50			Too acid	0.60
Aura		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
SfE2:							
Sassafras	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.50			Too acid	0.60
Aura		Not Rated		Not Rated		Not Rated	
Galestown		Not Rated		Not Rated		Not Rated	
Sn:							
State	85	Fair		Poor		Fair	
		Too acid	0.12	Low strength	0.00	Too acid	0.60
		Low content of organic matter	0.13				
Alluvial land, wet	3	Not Rated		Not Rated		Not Rated	

StD:

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
StD:							
Stony rolling land	85	Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
StE:							
Stony steep land	85	Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
SuC:							
Susquehanna	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.13	Too acid	0.88
		Too acid	0.50				
Aura		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
TeA:							
Tetotum	85	Fair		Poor		Fair	
		Too acid	0.12	Low strength	0.00	Depth to saturated zone	0.53
		Low content of organic matter	0.13	Depth to saturated zone	0.53	Too acid	0.60
Bladen	3	Not Rated		Not Rated		Not Rated	
Fallsington	3	Not Rated		Not Rated		Not Rated	
Pooler variant	3	Not Rated		Not Rated		Not Rated	
Bertie		Not Rated		Not Rated		Not Rated	
TeB:							
Tetotum	85	Fair		Poor		Fair	
		Too acid	0.12	Low strength	0.00	Depth to saturated zone	0.53
		Low content of organic matter	0.13	Depth to saturated zone	0.53	Too acid	0.60
Bertie		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
TeC2:							

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
TeC2:							
Tetotum	85	Fair		Poor		Fair	
		Too acid	0.12	Low strength	0.00	Depth to saturated zone	0.53
		Low content of organic matter	0.13	Depth to saturated zone	0.53	Too acid	0.60
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Tm:							
Tidal marsh	85	Not Rated		Poor		Poor	
				Depth to saturated zone	0.00	Depth to saturated zone	0.00
						Content of organic matter	0.00
TuA:							
Turbeville	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.32			Too acid	0.88
		Low content of organic matter	0.88				
Altavista		Not Rated		Not Rated		Not Rated	
Bourne		Not Rated		Not Rated		Not Rated	
Dogue		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
TuB:							
Turbeville	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.32			Too acid	0.88
		Low content of organic matter	0.88				
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
TuC2:							
Turbeville	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.32			Slope	0.63
		Low content of organic matter	0.88			Too acid	0.88

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
TuC2:							
Caroline		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	
Wa:							
Wahee	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.12	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.13	Shrink-swell	0.89	Too acid	0.60
Roanoke	5	Not Rated		Not Rated		Not Rated	
Altavista		Not Rated		Not Rated		Not Rated	
Augusta		Not Rated		Not Rated		Not Rated	
Dogue		Not Rated		Not Rated		Not Rated	
WgD:							
Watt variant	85	Fair		Poor		Poor	
		Droughty	0.05	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	No cobble limitation	>0.99	Slope	0.16
		Too acid	0.50			Too acid	0.60
Aura		Not Rated		Not Rated		Not Rated	
Manor		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
WgE:							
Watt variant	85	Fair		Poor		Poor	
		Droughty	0.05	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Too acid	0.50	No cobble limitation	>0.99	Too acid	0.60
Manor		Not Rated		Not Rated		Not Rated	
Rock Outcrop		Not Rated		Not Rated		Not Rated	

Wh:

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Wh:							
Wehadkee	85	Fair		Poor		Poor	
		Low content of organic matter	0.50	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.68			Hard to reclaim	0.92
Alluvial land, wet	5	Not Rated		Not Rated		Not Rated	
Cartecay	3	Not Rated		Not Rated		Not Rated	
WIB:							
Westphalia	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Too sandy	0.13
		Too sandy	0.13			Too acid	0.60
		Too acid	0.50				
Caroline		Not Rated		Not Rated		Not Rated	
Marr		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
WID2:							
Westphalia	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Too sandy	0.13
		Too sandy	0.13			Too acid	0.60
		Too acid	0.50			Slope	0.63
Caroline		Not Rated		Not Rated		Not Rated	
Marr		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
WIE2:							
Westphalia	85	Fair		Fair		Poor	
		Low content of organic matter	0.13	Slope	0.08	Slope	0.00
		Too acid	0.50			Too acid	0.60
		Water erosion	0.90				
Galestown		Not Rated		Not Rated		Not Rated	
Marr		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	

WmA:

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
WmA:							
Wickham	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Hard to reclaim	0.92
		Too acid	0.54			Too acid	0.98
Altavista		Not Rated		Not Rated		Not Rated	
WmB:							
Wickham	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Hard to reclaim	0.92
		Too acid	0.54			Too acid	0.98
Altavista		Not Rated		Not Rated		Not Rated	
WmC2:							
Wickham	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Hard to reclaim	0.92
		Too acid	0.54			Slope	0.96
						Too acid	0.98
Gravel soil		Not Rated		Not Rated		Not Rated	
WnA:							
Wickham variant	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Hard to reclaim	0.92
		Too acid	0.54			Too acid	0.98
Gravelly soil		Not Rated		Not Rated		Not Rated	
Loamy sand soil		Not Rated		Not Rated		Not Rated	
WnB:							
Wickham variant	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Hard to reclaim	0.92
		Too acid	0.54			Too acid	0.98
Gravelly soil		Not Rated		Not Rated		Not Rated	
Sandy loam soil		Not Rated		Not Rated		Not Rated	
WnC:							
Wickham variant	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Hard to reclaim	0.92
		Too acid	0.54			Slope	0.96
						Too acid	0.98
Gravelly soil		Not Rated		Not Rated		Not Rated	

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
WnC:							
Loamy sand soil		Not Rated		Not Rated		Not Rated	
WoA:							
Woodstown	85	Fair		Fair		Fair	
		Too acid	0.12	Depth to saturated	0.91	Too acid	0.60
		Low content of organic matter	0.13	zone		Depth to saturated zone	0.91
Bertie		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
WoB:							
Woodstown	85	Fair		Fair		Fair	
		Too acid	0.12	Depth to saturated	0.91	Too acid	0.60
		Low content of organic matter	0.13	zone		Depth to saturated zone	0.91
Bertie		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Wr:							
Worsham	85	Fair		Poor		Poor	
		Too clayey	0.08	Depth to saturated	0.00	Depth to saturated	0.00
		Too acid	0.32	zone		zone	
		Low content of organic matter	0.50	Low strength	0.00	Too Clayey	0.05
				Shrink-swell	0.89	Too acid	0.88
Alluvial land, wet	3	Not Rated		Not Rated		Not Rated	
Elbert variant	3	Not Rated		Not Rated		Not Rated	
Colfax		Not Rated		Not Rated		Not Rated	
ZIB:							
Zion variant	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.15	Rock fragments	0.88
		Too acid	0.54				
Cullen		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
Orange		Not Rated		Not Rated		Not Rated	
ZIC2:							

Table ENG-2. - Construction Materials - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
ZIC2:							
Zion variant	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.15	Rock fragments	0.88
		Too acid	0.54				
Bremo		Not Rated		Not Rated		Not Rated	
Cullen		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	